IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A reproduction-only recording medium wherein blocks having a main data area and a linking area are continuous with each other to form a data track by embossed pits, the data track being divided into 32-bit physical sector numbers; and

main data recorded in said main data area and linking data recorded in said linking area in each of said blocks are scrambled by a random sequence scrambling data of 8-bit scrambling bytes generated by an identical system including a 16-bit shift register being loaded with an initial value and generating the 8-bit scrambling bytes by taking an initial eight bits in the shift register as a first scrambling byte and performing an eight bit shift to generate subsequent scrambling bytes from the initial eight bits of the shift register,

wherein a 15-bit cluster number in at least one of the 32-bit physical sector numbers in the data track and a bit of value 1 is preset as [[an]] the initial value when said main data and linking data are scrambled by the random sequence.

Claim 2 (Canceled).

Claim 3 (Original): A reproduction-only recording medium as claimed in claim 1, wherein in each of said blocks, said linking area is formed on a front end side and a rear end side of said main data area.

Claim 4 (Original): A reproduction-only recording medium as claimed in claim 1, wherein in each of said blocks, said linking area is formed on only a front end side of said main data area.

Claim 5 (Original): A reproduction-only recording medium as claimed in claim 1, wherein in each of said blocks, said linking area is formed on only a rear end side of said main data area.

Claim 6 (Currently Amended): A reproducing apparatus for performing data reproduction in correspondence with at least a reproduction-only recording medium in which medium blocks having a main data area and a linking area are continuous with each other to form a data track by embossed pits, the data track being divided into 32-bit physical sector numbers, and main data recorded in said main data area and linking data recorded in said linking area in each of said blocks are scrambled by a random sequence scrambling data of 8-bit scrambling bytes generated by an identical system including a 16-bit shift register being loaded with an initial value and generating the 8-bit scrambling bytes by taking an initial eight bits in the shift register as a first scrambling byte and performing an eight bit shift to generate subsequent scrambling bytes from the initial eight bits of the shift register, said reproducing apparatus comprising:

reading means for reading information from a recording medium loaded into the reproducing apparatus; and

decoding means for subjecting the information read by said reading means to data decoding processing and descrambling processing for said scramble, and reproducing said main data and said linking data,

wherein said decoding means subjects the information read by said reading means to said descrambling processing using scrambling data, and wherein a 15-bit cluster number in at least one of the 32-bit physical sector numbers in the data track and a bit of value 1 is

preset as [[an]] the initial value when said main data and linking data are scrambled by the random sequence.

Claim 7 (Canceled).

Claim 8 (Currently Amended): A reproducing method for reproducing data from a reproduction-only recording medium, in which medium blocks having a main data area and a linking area are continuous with each other to form a data track by embossed pits, the data track being divided into 32-bit physical sector numbers, and main data recorded in said main data area and linking data recorded in said linking area in each of said blocks are scrambled by a random sequence scrambling data of 8-bit scrambling bytes generated by a random sequence using address information of said block as an initial value by a system including a 16-bit shift register being loaded with an initial value and generating the 8-bit scrambling bytes by taking an initial eight bits in the shift register as a first scrambling byte and performing an eight bit shift to generate subsequent scrambling bytes from the initial eight bits of the shift register, said reproducing method comprising ~~the steps of~~:

reading information from a loaded recording medium; and

subjecting the read information to data decoding processing and descrambling processing using scrambling data generated by the random sequence, wherein a 15-bit cluster number in at least one of the 32-bit physical sector numbers in the data track and a bit of value 1 is preset as [[an]] the initial value when said main data and linking data are scrambled by the random sequence.

Claim 9 (Currently Amended): A disk manufacturing method for manufacturing a reproduction-only disk recording medium, in which medium blocks having a main data area

and a linking area are continuous with each other as a data track formed by embossed pits, the data track being divided into 32-bit physical sector numbers, said disk manufacturing method comprising ~~the steps of~~:

scrambling main data recorded in said main data area and linking data recorded in said linking area by using scrambling data of 8-bit scrambling bytes generated by the random sequence by a system including a 16-bit shift register being loaded with an initial value and generating the 8-bit scrambling bytes by taking an initial eight bits in the shift register as a first scrambling byte and performing an eight bit shift to generate subsequent scrambling bytes from the initial eight bits of the shift register, wherein a 15-bit cluster number in at least one of the 32-bit physical sector numbers in the data track and a bit of value 1 is preset as an initial value when said main data and linking data are scrambled by the random sequence; and

performing disk mastering using the scrambled data.